Mathematical Biosciences

an international journal

Volume 137

SUZANNE SUMNER (Fredericksburg, Virginia)
Hopf Bifurcation in Pioneer-Climax Competing Species Models 1
DAVID N. STIVERS AND MAREK KIMMEL (Houston, Texas) AND
DAVID E. AXELROD (Piscataway, New Jersey)
A Discrete-Time, Multi-type Generational Inheritance Branching
Process Model of Cell Proliferation 25
JOSEPH T. CHANG (New Haven, Connecticut)
Full Reconstruction of Markov Models on Evolutionary Trees:
Identifiability and Consistency 51
ERRATUM 74
K. A. J. WHITE, B. T. GRENFELL, R. J. HENDRY, O. LEJEUNE, AND
J. D. MURRAY (Cambridge, United Kingdom)
Effect of Seasonal Host Reproduction on Host-Macroparasite
Dynamics 79
WILLIAM J. GIBB, MARY B. WAGNER, AND MICHAEL D. LESH
(San Francisco/Berkeley, California)
Modeling Triggered Cardiac Activity: An Analysis of the Interactions
between Potassium Blockade, Rhythm Pauses, and Cellular Coupling 101
BOOK REVIEW
J. M. CUSHING (Tucson, Arizona)
Dynamic Energy Budgets in Biological Systems (S. A. L. M. Kooijman) 135
ANNOUNCEMENT 139
VOLUME CONTENTS